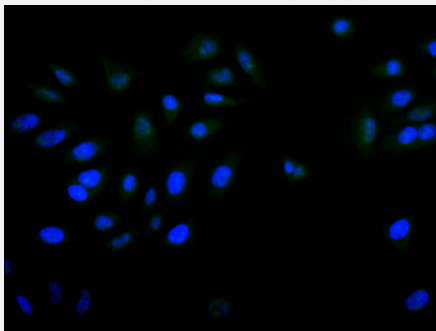


RecomAb™

PITX3 recombinant monoclonal antibody, clone 28A9

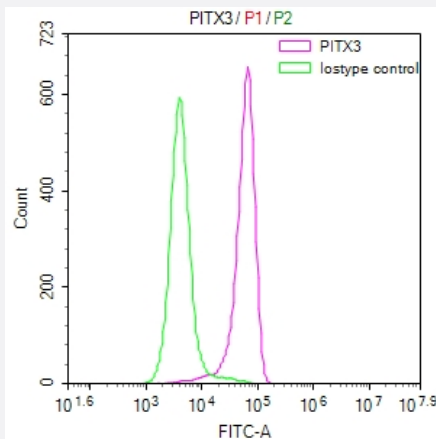
Catalog # RAB07758 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence staining of A549 Cells with PITX3 recombinant monoclonal antibody, clone 28A9 at 1:20, counter-stained with DAPI.



Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with PITX3 recombinant monoclonal antibody, clone 28A9 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human PITX3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human PITX3.
Reactivity	Human
Form	Liquid

Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) Immunofluorescence(1:20-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence

Immunofluorescence staining of A549 Cells with PITX3 recombinant monoclonal antibody, clone 28A9 at 1:20, counter-stained with DAPI.

- Enzyme-linked Immunoabsorbent Assay

- Flow Cytometry

Overlay Peak curve showing SH-SY5Y cells stained with PITX3 recombinant monoclonal antibody, clone 28A9 (red line) at 1:50.

Gene Info — PITX3

Entrez GeneID	5309
Protein Accession#	O75364
Gene Name	PITX3
Gene Alias	CTPP4, MGC12766, PTX3
Gene Description	paired-like homeodomain 3
Omim ID	107250 602669
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the RIEG/PITX homeobox family, which is in the bicoid class of homeodomain proteins. Members of this family act as transcription factors. This protein is involved in lens formation during eye development. Mutations of this gene have been associated with anterior segment mesenchymal dysgenesis and congenital cataracts. [provided by RefSeq]

Other Designations

OTTHUMP00000020362|homeobox protein PITX3

Disease

- [Alzheimer disease](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [NARP](#)
- [Nerve Degeneration](#)
- [Neuroblastoma](#)
- [Parkinson disease](#)
- [Schizophrenia](#)